IN THE ABSTRACT:

Please substitute the following Abstract for the Abstract starting at page 54, line 3 and ending at line 20.

--A method of manufacturing a dot pattern includes the steps of preparing a structured material composed of a plurality of columnar members containing a first component and a region containing a second component different from the first component surrounding the columnar members, with the structured material being formed by depositing the first component and the second component on a substrate, and removing the columnar members from the structured material to form a porous material having a columnar hole. Additional steps include introducing a mask material into the columnar hole of the porous material to form a dot pattern, and removing the porous material.--